

Uploading Medical Records and Patient Interview Information

1. Have you connected to the internet?

Click below if yes.

If no, exit and connect to your internet provider.

No, exit

No,

SAMPLE CENTER

EXECUTIVE BENCHMARK TABLE: INDICATOR STATUS AND TRENDS Quarter 1, 1999 to Quarter 4, 1998

Table was created on 09/16/1999

	Arthroscopy, Knee		Cataract Removal		Laparoscopy, Gyne
Perioperative Complications (Ind1)	₽	₽Đ	0⇔	O -	⊙ ∌
Delayed in Discharge (ind2)	●\$	●∌	₽•	0	€O
Returns to Surgery (ind3)	⊙ ⇔	⊙ ⇔	0⇔	0	⊙ ⇔
Admits to Hospital (Ind4)	0 ⇔	⊙ ⇔	⊙ ⇔	O	0⇔
Pain Episodes Not Relieved (ind5)	0 ⇔	⊙ ⇔	⊙ ∌	0	0⇔
Care Not Needed After Discharge (IND6)	⊙ ⇔	€O	0⇔	0	€0
Pain Controlled After Discharge (IND7)	0∌	⊙ ∌	0 £	0	0∌
Satisfied Patients (IND8)	0∌	⊙ ∌	O £	0	⊙ ±9
Effective Discharge Instructions (IND9)	0 ⇔	0⇔	0⇔	0	0⇔
Patients Prepared for Self-Care (IND10)	⊙ ⇔	0 ⇔	0⇔	0	⊙ ⇔

Comperison with all centers (where you are now)

O - Better than average

O - Average

- Worse than average

Comperison of current results with those for the previous period (where you are going)

- Improving

- No change

- Worsening

Return to Previous Screen

```
[_REPORT_SYSTEM] -
                                                                                                                                                                                                                                                              --- 1000
                                 - [yyyymdd]
---- [ARA]
| MEDUP.DBF
| PATUP.DBF
                                                                                                             MEDUP.DBF
PATUP.DBF
         - 1300
                         Comparison_table.lst
Comparison_table.lst
Corporate_Members.lst
DataTableIcems.lst
Executive_Table.lst
Indicators.lst
LogMessages.lst
ProcConv.lst
ProcConv.lst
ProcDistrib.lst
Sites.lst
Stage1.lst
Stage2.lst
              | Templates | 1500 | Sample-Sites.lst | Full_List_Sites.lst | 1600 | Faper_Reports | 1600 | Paper_Reports | 1600 |
                                                                                                     Der_Reports]

Executive_Table_Paper_Reports.exe
Comparison_table.exe
b_Reports]

APPENDER.mdb
Chart_Generator.exe
Executive_Table.exe
DataTable_Creator.exe
ProcDistrib_Creator.exe

ProrDistrib_Creator.exe

Data_relburion2.html
                                                                   ProcDistrib_Creetor

Age_Distribution2.html
Aneet.html
Aneet2.html
ind.html
ind.html
index-Old.html
loopbeck.html
main-Old.html
main-Template.html
main-Template.html
Payor2.html
RecovTime2.html
SurgTime2.html
                                                                                                        index-old.html
main-old.html
main-Templace.html
main.html
                                                                      plateFolder]
                                                                   --- [Download]
--- [Month]
--- [MonthCumul]
--- [Quarter]
| index.html
| main-old.html
```

Name of field	Allowed	Description
	values	
CalculationDate	mm/dd/yyyy	The report system works in the following way: by default, it determines the current periods for Quarterly and Monthly reports using the current system date. For example, when you run the report system on 9/30/1999 as the "current month" for reports, it uses the 8th month (August) and as the "current quarter" it uses the 3rd quarter (from June to August). SOIX generates reports on the 15th day of each month and this does not create any problems, but if one of the centers requests to generate reports before the 15th day but after the 1st day of a month then in this case, by default, the report system will use the previous month as the "current month". And this is not what we want because it is too early to generate the new reports (there is no patient interview records for most medical records) — we just want to recalculate the existing reports. So, to solve this problem, this parameter was introduced. If this parameter has empty value then SOIX report system uses the system date as the "current date", if it is not empty then it uses a value of this parameter. Also this parameter is required to generate sample reports. There is a special version of "soix.mdb" file for sample reports. All records in this database are dated before June 1999, so if the system date is used as the datum then only reports for previous periods can be generated, but if you make the CalculationDate equal to any day in June then May is
		treated as the "current month".
MinNumberOfCases	Integer	Only procedures that have "MinNumberOfCases" or more cases are
		shown in the "The Executive Benchmark Table" and in the paper
		reports.
Confidence	Real	This is a coefficient before standard deviation to calculate tolerable
		limits. This date is used as the beginning date for the cumulative reports.
FoundationDate	mm/dd/yyyy	Generate quarterly reports?
QuarterlyReports	Yes, No	Beginning quarter for quarterly reports
QuarterStart	1,23,4	
QuarterYearStart	уууу	Beginning year for quarterly reports
QuarterEnd	1.2.3.4	End quarter for quarterly reports
QuarterYearEnd	XXXX	End year for quarterly reports
MonthlyReports .,	Yes, No	Generate "current month reports"?
MonthStart	1-12	Beginning month for "current month reports"
MonthYearStart	XXXX	Beginning year for "current month reports"
MonthEnd	1-12	End month for "current month reports"
MonthYearEnd	УУУУ	End year for "current month reports"
CumulativeMonthlyReports	Yes, No	Generate "cumulative reports"?
CumulativeMonthStart	1-12	Beginning month for "cumulative reports"
CumulativeYearStart	עעעע	Beginning year for "cumulative reports"
CumulativeMonthEnd	1-12	End month for "cumulative reports"
CumulativeYearEnd	уууу	End year for "cumulative reports"
RunMode	1	Currently this parameter is not used.
CleanedDBF		Currently this parameter is not used.
StandardReport	Yes, No	Currently this parameter is not used.
StartDate	mm/dd/yyyy	Currently this parameter is not used.
EndDate	mm/dd/yyyy	Currently this parameter is not used.

Name of field	Allowed	Description
and the second s	Agines	
Shar	ed parameter	rs that are used by all modules.
INIPath	A path to a directory.	A path to the folder where INI config files are located.
LogPath	A path to a directory.	A path to the folder where LOG files will be created.
MDBFile	Full path to a file	Full path to the report master database.
LSTPath	A path to a directory.	A path to the folder where LST files are located.
OMS2ArchiveDirectory	A path to a directory.	This parameter was used when OMS 2.0 was used as a front end, so now the parameter is not used.
OMS2BackupDirectory	A path to a directory.	This parameter was used when OMS 2.0 was used as a front end, so now the parameter is not used.
TemplateDirectory	A path to a directory.	A path to the folder where HTML template files are located.
UploadDirectory	A path to a directory.	A path to the folder where centers upload incremental files.
InternetDirectory	A path to a directory.	A path to the folder where centers reports are located.
Paran	neter used by	the paper report modules only
NewReportsInternetDirectory	A path to a directory	A path to the folder where new reports will be generated. This parameter was introduced as the report generation process takes a lot of time and there is a probability that centers may access their reports during this process. In this situation centers will not be able access their reports at least, but at the same moment there is a probability that these actions may interrupt the report generation process.
SavePathForPaperReport	A path to a directory	This parameter points to the path where paper report will be generated.
Target	"Web" or "Folder"	This parameter defines the way in which the paper report will be generated. When it is equal to "Folder" than these reports are placed in the separate folder defined by "SavePathForPaperReport" parameter. If this parameter is equal to "Web" than the paper report files will be placed in the centers folders like the modules that generate web-reports do. This option allows to make these reports available for the access trough the Internet.
Param	eters used by	"New_Center_Prepare" module
NTSecDirectory	Name of folder	This parameter defines a name of the folder where programs from the NTSEC pack are located. These programs are used to set up Windows NT permissions for the centers' upload folders.
ApacheUsersFile	Full path to a file.	This parameter defines a full path to apache users file that will created from scratch by the "New_Center_Prepare" module.
ApacheUsersFile	Full path to a file.	This parameter defines a full path to Apache users file that will created from scratch by the "New_Center_Prepare" module. This file is used to restrict an access to member sites.
ApacheGroupsFile	Full path to a file.	This parameter defines a full path to an Apache groups file that is used to restrict an access to member sites.
NewCenterTemplateFolder	A path to a folder	This parameter points to a directory where template files are stored. These files are used to create sites for new centers.
PrepareUploadStuff	"Yes" or "No"	Prepare "upload" folder for a new center?
PrepareDownloadStuff	"Yes" or "No"	Prepare "download" folder for a new center?
PrepareHTMLFiles	"Yes" or "No"	Prepare index HTML files for a new center?

Name of field	Allowable value	Description
Indicator_Name	The same restrictions as whose for field name in MS Access	This is a name of the indicator, this name is used for internal purposes of "Executive_Table" module and as a link to the HTML file that describes the indicator. In Fig. 5, the label number 2 shows the place where this text is used. Some HTML tags may be used (Example: Some HTML tags may be used (Example: In trnl files without any parsing.
Numerator	the name of a field from "*_dump.mdb" tables	This field is used as the numerator to calculate an indicator. Expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%
Denominator	the name of a field from "*_dump.mdb" tables	This field is used as the denominator to calculate an indicator. Expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%
Description	any text string	Description of the indicator. In Fig. 5, the label number 1 shows the place where this text is used. Some HTML tags may be used (Example: (Example: the label number 1 shows the place where this text is used to be used the place without any parsing.
MinOrMax	"Min", "Max"	Use "Min" for indicators that should be minimized and "Max" for indicators that should be maximized.
Link	a path to a html file	A path to the html file that describes this indicator. (Example: "/genrep/ind1.html")

Name of field	Allowable value	Description
Name_of_Table	Any text	Name of a table. In Fig. 6, the label number 1 shows the place where this text is used. Some HTML tags may be used (Example: Some HTML tags may be used (Example: Some HTML tags may be used (Example: Inserted directly into an HTML file without any parsing.
Total_by_Proc_Flag	"TotByProc", ""	If this field equals to "TotByProc" then the last row "Total by Procedure" is calculated for this table, if this field is empty then this last row is not calculated. See Fig 6 labels 2.

Name of field	Allowable value	Description
Name_from_Dump_DB	the name of a field from "*_dump.mdb" tables	Module DataTable_Creator takes the value of Name_from_Dump_DB field in "*_dump.mdb" table and puts this value into the table without any modifications and calculations.
Row_Name	Any text	Name of a row. On Fig. 6 label number 3 shows the place where this text is used. Some HTML tags may be used (Example: (Example: <i> (Example: <i> (Example: (Example: (Example: (Example: (Example: (Example: (Example:</br></br></i></i>

ANESTHESIA Site: Sample Center (SMP)

Date of Procedure: 01/01/1999 - 03/31/1999

(Table was created on 06/30/1999)

\						
	Arthroscopy,	Carpal Tunnel	Cataract Removal	GI Endoscopy	Laparoscopy, Gyne	Total
General	139	3:	, ° 0 ; ;	· · · · · · · ·	34	176
Spinal	11 <u>**</u>	0	[30 <u>.5</u>	F70 957		11
IV/Local-MAC	<u>∱</u> ,0∂%	8.3	63 🥳	約91世		162
Local (a) (a)	0.0 year	5 🔅	缺1些	; O	建集0 00000000000000000000000000000000000	6
Other	(現: 0][[][]	33	0_=	0		33
Total by Procedure	150	49	. 64	91	34	388
	General Spinal IV/Local-MAC Local Other Total by	General 139 Spinal 11 IV/Local-MAC 0 Local 0 Other 0	General 139 3 Spinal 11 0 IV/Local-MAC 0 83 Local 0 5 Other 0 33 Total by 150 49	Knee Iturnet Removal	Knee Itunnel Removal Endoscopy	General) 139 3 50 0 34 Spinal 0 110 0 00 00 00 00 IV/Local-MAC 0 0 0 0 0

PAIN AND COMPLICATIONS Site: Sample Center (SMP) Date of Procedure: 01/01/1999 -03/31/1999

(Table was created on 06/30/1999)

770	Arthroscopy, Knee	Carpal Tunnel	Cataract Removal	Endoscopy	Laparoscopy Gyne	Total
No Pain, No Complications	£123	45	62 5/	87	10	327
Pain 10/25 or	经17 点点	.:4::-	2	전략 3 #4	23	49
Nausea	<12	10%	外 见海	-351: htt	₩ 4.1.%	:17
Vomiting :		, O _{,75}	0	(C.) D	[5%2 _{5€,5} /	.8
Instability Of	31 0	0.4	203			2
Respiratory Problems	0 0	0	0.5	₩ 0,3	41.4	15

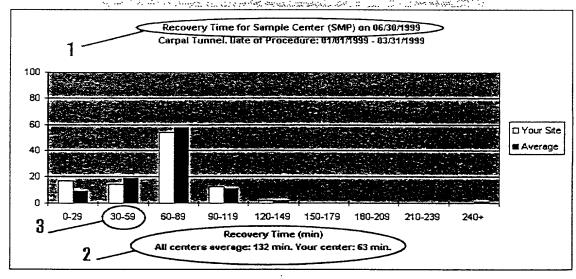
Name of field	Allowable value	Description
With_Tolerance	the name of a	The HTML file must be in the
1	HTML file	[SOIX_Report_Sytem] \ [Template] folder. If this
	without extension	field is empty then the version with
1	or nothing	tolerance limits of this report is not
		generated. In the section where folder
		[SOIX_Report_Sytem] \ [Template] is described
		you can find more information about
_		internal structure of template files.
1		(Example: for "General Indicators" reports
		with tolerance zone the template file is
		"ind.html", so with_Tolerance field equal "ind".
Without_Tolerance	the name of a	The HTML file must be in the
İ	HTML file	[SOIX_Report_Sytem] \ [Template]. If this field
	without extension	is empty then the version with tolerance
	or nothing	limits of this report is not generated. In
		the section where folder
		[SOIX_Report_Sytem] \ [Template] is described
		you can find more information about
:		internal structure of template files.
		(Example: for "General Indicators" reports
	'	without tolerance zone the template file is
		"ind2.html", so With_Tolerance field equal "ind2".
Chart_Header	Any text	This text is used as a header in the report chart. See Fig. 7, label
		1. To insert "Enter" in this string use "II" (double vertical bar).
		Also values of the fields from "*_dump.mdb" tables and values
	• •	of all indicators calculated inside Chart_Generator
	•	module can be used. To use them, use the following format:
		%Name_Of_FieldThisSite% for current center and
į		%Name_Of_FieldAllSites% for all centers (Example:
		Total Medical Records field has the name TotMR, so
		placeholders for it will be %TotMRThisSite% and
		%TotMRAllSites%). In each section of Indicators.lst
		file, a user assigns names for each indicator that is calculated by
		Chart_Generator module – although these names and
		values of indicators are not saved anywhere, you can still use
		them in Chart_Header field (Example: In section "General
		Indicators" indicator with name "ind1" is defined, so you can
		use placeholders %ind1AllSites% and
		%ind1ThisSite%.)
Chart_Footer	Any text	This text is used as a footer in the report chart. See Fig. 7, label
	,	2. All instruction for Chart_Header field can be used for this
		field.
		1.0.0.

Name of field	Allowable value	Description
Indicator_Name	The same restrictions as whose for field name in MS Access	Used for internal calculations only. Make sure that there is no any field in "*_dump.mdb" files with the same name.
Numerator	the name of a field from "*_dump.mdb" tables	This field is used as the numerator to calculate the indicator. The expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%
Denominator	the name of a field from "*_dump.mdb" tables	This field is used as the denominator to calculate the indicator. The expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%
AxesLabels	Any text	This text is used in charts as label of the indicator. To put "*" character use double caret characters ("^^"). See Fig. 7 label 3.

Recovery Time

The diagram below shows the level of the indicator achieved in YOUR CENTER as a wide white bar.

The AVERAGE level at all the participating centers is shown as a blue bar.



		0-29	30-59	60-89	90-119	120-149	150-179	180-209	210-239	240+
			-	.3.7.				, .	·	
All Sites:	• •								•	
Ratio		8.9	19.0	58.0	- 18.9	2.0	0.0	0.0	0.0	1.2
Cases for Given Range		44	94	287	54	10	C	0	8	5
Total Cases: 495					•					
					٠.					
Your Site:					,					
Ratio		15.7	14.6	54.2	12.5	2.1	0.0	0.0	0.0	0.0
Cases for Given Range Total Cases: 48		8	7	26	5	1	0	0		0

Name of field	Allowable value	Description
Numerator	the name of a field from "*_dump.mdb" tables	This field is used as a denominator to calculate the indicator. The expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%
Denominator .	the name of a field from "*_dump.mdb" tables	This field is used as the denominator to calculate the indicator. The expression that is used to calculate indicators is the following: Indicator = Numerator/Denominator*100%. If Denominator is empty then Numerator is used only and the expression becomes as Indicator=Numerator
Descipting_Text	Any text	Name of a row. In Fig. 8, the label number 2 shows the place where this text is used. Some HTML tags may be used (Example: c/sont>), as this text is inserted directly into an HTML file without any parsing.

Comparison Table - Sample Center

	YOU	JR PF	ROCEL	URE	GROL	JPS					
3 2	1		scopy,		GI SCOPY		aract noval	1	rpal nnel		oscopy, me
		Your Center	All Centers								
Number of Patients	1	150	1269	91	1372	64	856	49	505	34	388
Time (Minutes)											
Time For Procedure		37	46	176	124	27	26	16	52	31	99
Time For Recovery		98	184	657	454	29	30	63	132	111	362
Time For Patient Intention		4	4	3	3	2	2	4	4	3	3
Problems Before Leaving Surgery Cent	er>										
Percent Normal Discharge		100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000
Percent without Problems		82.0	84.9	95.6	97.1	96.9	96.6	91.8	95.0	29.4	36.6
Percent with Post Operative Pain		53.3	61.2	2.2	1.5	4.7	5.3	18.4	14.9	57.6	60.1
Percent Medications Ordered		100.0	100.0	50.0	50.0	100.0	180.0	100.0	100.0	100.0	100.0
Percent Pain Relieved		96.3	97.7	50.0	50.0	66.7	71.1	100.0	96.0	100.0	100.0
Percent Pain Prescription Given		99.3	99.0	2.2	1.5	3.1	3.0	100.0	97.6	91.2	90.7

Name of field	Allowable value	Description
Field_Name	the name of a field from "*_dump.mdb" tables	Use only fields that contain absolute number of cases. In current version of the report system almost all fields satisfy this restriction – only the fields with average times do not satisfy.
Descipting_Text	Any text	Name of the column. In Fig. 9, the label number 1 shows the place where this text is used. Some HTML tags may be used (Example: Some HTML tags may b

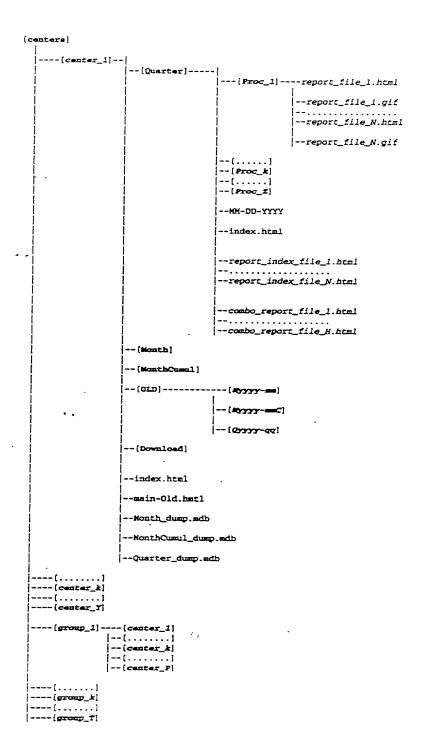
Case Distribution
Date of Procedure: 03/01/1999 - 10/31/1999
Table was created on 11/16/1999

	-					
Procedure - Name	Center	Medical Records	Patient Interview			
Arthroscopic ACL Repair	QCA	1 2	2			
(1 center)	Total	. 2	2 · .			
	· AAM	:: 10	10 .			
Breast augmentation	AAS	19	15			
(3 centers)	RSA	(4.1.3r)	45-4.55			
	Total	_ 30	′: 26 🔆			
	AAD -	3 47 mm	÷47 <-			
	· AAE -	14	14			
	-AAL	.∵8 🚉	<u></u>			
	AAS:	5 10	5			

	Rhinoplasty (2 centers)	<u> </u>					
ì		Total.	≸10 ⇒	~ 9 · e			
		FAAE :	三134	3415 8			
1		AAM	₹3 📜	3			
ţ	Rhytidectomy (4 centers)	AAS	180	40°12			
			रज ह	5.10%			
		Total	6	6 :			
	Grand Total	<u> </u>	4,999	4,581			

Name of field	Allowable value	Description
Name_of_Field_1	The same restrictions as whose for field name in MS Access	When you select a name for this field, make sure that this field must be unique among fields in MEDREC table, PATINT2 table and fields defined in
	1	Stage1.1st and Stage2.1st files.
SQL_Expression	Expression in MS SQL language	Use help files for MS Access or Visual Basic to get additional information about MS SQL language. In SQL_Expression field, you can use Name_of_Field_1 fields from other strings of Stage1.lst file, but be careful and do not create an unsolvable situation when in the current string you use another field, but the SQL_Expression for that field uses Name_of_Field_1 for the current string. This is so called "Circular reference".

Name of field	Allowable value	Description
Name_of_Field_2	The same restrictions	When you select a name for this field, make sure that this
	as whose for field	field must be unique among fields in MEDREC table,
	name in MS Access	PATINT2 table and fields defined in Stage1.1st and
		Stage2.1st files.
Data_Type_of_Field	Text, Long, Single	Defines a type of the field. Currently three data types are
		supported but this list can be easily expanded.
SQL_Expression	Expression in MS	Use help files for MS Access or Visual Basic to get
- ,	SQL language	additional information about MS SQL language. Inside the
		SQL_Expression you can use Name_of_Field field
		from other strings of Stage1.1st file, but be careful and
		do not create an unsolvable situation when in current string
		you use another field, but SQL_Expression for that field
		uses Name_of_Field of current string.
Denominator	Any item from the	Most of the fields from Name_of_Field_2 list are absolute
	Name_of_Field_2	numbers of cases, so to get a value for the whole industry,
	list	values for different centers must be just summed up. Some
		of the fields like average times are not applicable to this
		rule, they contain relative values, so a simple addition
		cannot be used to calculate the whole industry values. In
		this case the following mathematical expression is used:
		$\sum_{k=1}^{N} (Ind_{k} \times Denom_{k})$
		$Ind_{All} = \frac{\sum_{k=1}^{N} (Ind_k \times Denom_k)}{Denom_{All}},$
		where Ind _{All} - value for the whole industry, Ind _k - value for
		k center, Denom - denominator for the field. So
		Denominator defines a field that is the denominator for a
		given indicator. If Denominator is empty then an ordinary addition is used.



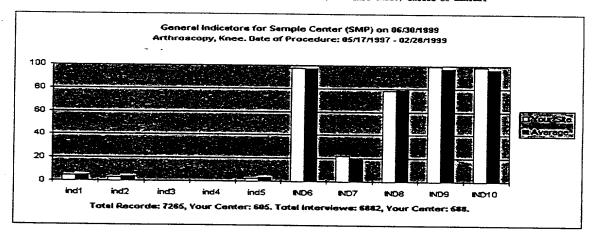
Sample Center

Cumulative	Reports for the Previous Periods								
Reports for May 1999	Camulative E Report	Quarterly Reports	Current Month						
Quarterly Reports for 1 Quarter 1999	February 1999 March 1999 April 1999		February 1999 March 1999 April 1999						
Current Month Reports for May 1999									
Reports for the Previous Periods Download page			a delegation of the contract o						

Benchmarking Report

The diagram below shows the level of the indicator achieved in YOUR CENTER as a wide white bar. The AVERAGE level at all the participating centers is shown as a blue bar.

The values of the indicators shown with small letters (ind1 thru ind5) should be minimal. The values of the indicators shown with CAPITAL letters (IND6 thru IND10) should be maximal



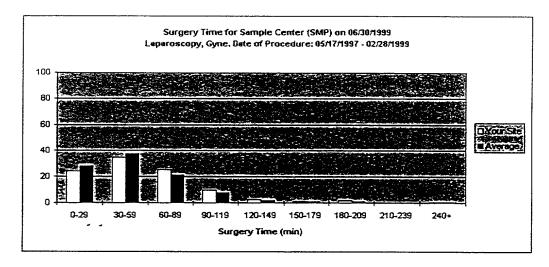
ind1 = Perioperative Complications ind2 = Delayed in Discharge ind3 = Returns to Surgery ind4 = Admits to Hospital ind5 = Pain Episodes Not Relieved

IND6 = Care Not Needed After Discharge IND7 = Pain Controlled After Discharge IND8 = Satisfied Patients IND9 = Effective Discharge Instructions IND10 = Patients Prepared for Self-Care

	ind1	Ind2	ind3	ind4	ind5	IND6	IND7	8CM)	IND9	IND10
All Sites:				<u>L</u>						
Indicator	5.5	43	0.0	0 0	3.7	97.2	18.7	78.5	97.1	96.4
Numerator	398	311	o	0	178	6688	873	5399	6685	6637
Denominator	7265	7265	7265	7265	4804	6882	4667	6882	6882	6882
Your Site:								,		
Indicator	4.8	2.8	0.0	0.0	2.3	97.1	22.1	78.4	98.6	98.1
Numerator	29	17	0	0	10	571	90	461	580	577
Denominator	505	605	605	605	427	588	407	588	588	588

Surgery Time

The diagram below shows the level of the indicator achieved in YOUR CENTER as a wide white bar. The AVERAGE level at all the participating centers is shown as a blue bar.



	0-29	30-59	60-89	90-119	120-149	150-179	180-209	210-239	240+
All Sites:									
Ratio	28.5	37.6	21.3	7.9	2.0	1,2	1.1	0.0	0.4
Cases for Given Range	717	945	536	199	50	29	27	o	10
Total Cases: 2513	٠.								
Your Site:									
Ratio	24.4	35.0	25.4	9.6	2.5	1.0	1.5	0.0	0.5
Cases for Given Range	48	69	50	19	5	2	3	0	1
Total Cases: 197									

1)